

Storm Data and Unusual Weather Phenomena - July 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, Southeast				
FRANKLIN COUNTY --- METAMORA [39.45, -85.13]				
	07/10/09 15:35 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/10/09 15:35 EST		0	Source: Law Enforcement
Large trees were reported down.				
FRANKLIN COUNTY --- BROOKVILLE [39.42, -85.02]				
	07/10/09 15:50 EST		1K	Thunderstorm Wind (EG 50 kt)
	07/10/09 15:50 EST		0	Source: Law Enforcement
Large trees were reported down.				
Isolated severe storms developed across Indiana and produced wind damage.				
KENTUCKY, Northern				
OWEN COUNTY --- OWENTON [38.53, -84.83]				
	07/25/09 15:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/09 15:12 EST		0	Source: Emergency Manager
Several trees were reported down countywide.				
BRACKEN COUNTY --- 3.8 NE STONEWALL [38.65, -83.96]				
	07/25/09 16:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/09 16:00 EST		0	Source: Law Enforcement
Trees were reported down due to damaging thunderstorm winds.				
BRACKEN COUNTY --- MILFORD [38.58, -84.15]				
	07/25/09 16:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/25/09 16:00 EST		0	Source: Law Enforcement
Trees were reported down due to damaging thunderstorm winds.				
A complex of thunderstorms brought thunderstorm wind damage to portions of Kentucky during the afternoon hours.				
BOONE COUNTY --- 1.5 E VERONA [38.82, -84.62], 1.8 ENE VERONA [38.83, -84.62], 2.3 ENE VERONA [38.83, -84.61], 2.4 E VERONA [38.83, -84.61]				
	07/30/09 23:00 EST		2K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Law Enforcement
Water was flowing over Salem Creek Road due to heavy rainfall.				
KENTON COUNTY --- 1.0 W INDEPENDENCE [38.93, -84.55], 1.0 E INDEPENDENCE [38.93, -84.51], 0.6 WSW WHITE TOWER [38.92, -84.51], 1.2 SW INDEPENDENCE [38.92, -84.55]				
	07/30/09 23:00 EST		2K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Law Enforcement
Water was reported over roadways near Independence.				
CAMPBELL COUNTY --- 1.6 S SILVER GROVE [39.01, -84.38], 1.0 S SILVER GROVE [39.02, -84.38], 0.9 SSW SILVER GROVE [39.02, -84.39], 1.5 S SILVER GROVE [39.01, -84.38]				
	07/30/09 23:15 EST		2K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Law Enforcement
Water was reported to be flowing over Lower Tug Fork Road due to heavy rainfall.				

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A large area of showers and thunderstorms brought flash flooding and flooding to portions of Kentucky.				
OHIO, Southwest				
DARKE COUNTY --- GETTYSBURG [40.12, -84.50], 0.8 S GETTYSBURG [40.11, -84.50], 0.9 SE GETTYSBURG [40.11, -84.49], 0.7 E GETTYSBURG [40.12, -84.49]				
	07/11/09 12:18 EST		10K	Flash Flood (due to Heavy Rain)
	07/11/09 15:00 EST		0	Source: Law Enforcement
A person was stranded in a vehicle in high water and there were multiple reports of street flooding due to heavy rainfall.				
MIAMI COUNTY --- 1.6 SSE TROY [40.03, -84.19], 0.4 ESE WEST COVINGTON [40.12, -84.36], 0.7 N COVINGTON [40.13, -84.35], 1.5 ENE TROY [40.06, -84.17]				
	07/11/09 13:00 EST		2K	Flash Flood (due to Heavy Rain)
	07/11/09 15:00 EST		0	Source: Law Enforcement
Numerous roads were inundated with high water.				
ROSS COUNTY --- 0.5 ESE SUMMITHILL [39.22, -83.11], 1.3 NNW DENVER [39.20, -83.06]				
	07/11/09 14:55 EST		95K	Tornado (EF1, L: 3.07 mi , W: 440 yd)
	07/11/09 15:01 EST		15K	Source: NWS Storm Survey
The tornado initially touched down near a grocery store near State Route 772 and Valley Road in Summithill where several trees were knocked down and uprooted. There were several intermittent touch downs between Summithill and Denver. To the southeast of Summithill, along Schaffer Road, approximately six homes and two mobile homes were damaged and numerous trees were snapped and uprooted. An eye-witness on Schaffer Road reported a rope tornado which had several brief touch downs. Further southeast in the Denver area, a home received substantial damage with a loss of the roof and some walls down. Portions of the roof were thrown 700 yards and wrapped around trees. There was also widespread crop damage in the area. Two barns off of Denver Road were completely destroyed and uprooted trees were observed intermittently along this path.				
PIKE COUNTY --- 0.2 WSW BUCHANAN [39.15, -83.12]				
	07/11/09 14:59 EST		0.10M	Thunderstorm Wind (EG 91 kt)
	07/11/09 15:02 EST	5	0	Source: NWS Storm Survey
The National Weather Service confirmed straight-line wind damage off of State Route 772 in Buchanan. Three mobile homes were knocked off their foundation, picked up, lifted 20 yards, and were completely destroyed. The roof of one mobile home was carried approximately 50 yards in the same direction. Two additional mobile homes remained on their foundation and sustained minor damage. Approximately five trees were also uprooted. Damage in this case was determined to be straight-line because there were indications that all of the structures were blown consistently to the southeast. The mobile homes were subject to high winds because they were located at the summit of a hill in an open field. This allowed severe thunderstorm winds to lift the mobile homes off their foundations. Five people in mobile homes were injured when their mobile homes were knocked off of their foundations. The five people were taken to the hospital with non-life threatening injuries.				
PIKE COUNTY --- 1.8 SE PIKETON [39.05, -83.00]				
	07/11/09 15:10 EST		1K	Thunderstorm Wind (EG 55 kt)
	07/11/09 15:11 EST		0	Source: Law Enforcement
Trees were reported down due to thunderstorm winds.				
PIKE COUNTY --- 2.4 E SARGENTS [39.00, -82.98], 2.6 ESE SARGENTS [38.99, -82.97]				
	07/11/09 15:20 EST		5K	Tornado (EF1, L: 0.61 mi , W: 100 yd)
	07/11/09 15:21 EST		0	Source: NWS Storm Survey
Damage indicates that the tornado touched down briefly in two locations. The initial touch down occurred near Loop Road where an estimated 15 trees were uprooted and knocked down. The tornado then briefly lifted before touching down again in a cemetery off of Bailey Chapel Road. There, it uprooted and knocked down approximately 10 more trees, and lifted a nearby trampoline over a fence.				
SCIOTO COUNTY --- 9.0 NNE PORTSMOUTH [38.85, -82.92]				
	07/11/09 15:32 EST		6K	Thunderstorm Wind (EG 50 kt)
	07/11/09 15:34 EST		0	Source: Emergency Manager
Extensive tree damage was reported across eastern Scioto County including the towns of Minford, Wheelersburg, and South Webster.				

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SCIOTO COUNTY --- WHEELERSBURG [38.73, -82.83]				
	07/11/09 16:00 EST		0	Hail (1.75 in)
	07/11/09 16:02 EST		0	Source: Trained Spotter
In addition to golf ball size hail, wind speed upwards of 70 miles per hour knocked down several trees.				
SCIOTO COUNTY --- LUCASVILLE [38.88, -82.98], 1.6 W LUCASVILLE [38.88, -83.01], 1.5 WSW LUCASVILLE [38.87, -83.00], 0.8 SW LUCASVILLE [38.87, -82.99]				
	07/11/09 16:47 EST		15K	Flash Flood (due to Heavy Rain)
	07/11/09 19:00 EST		0	Source: Emergency Manager
Streets and residences were flooded due to heavy rainfall that caused flash flooding.				
SCIOTO COUNTY --- 0.9 NNE SCIOTODALE [38.76, -82.85], 1.5 SSE WHEELERSBURG [38.71, -82.82]				
	07/11/09 16:54 EST		60K	Thunderstorm Wind (EG 82 kt)
	07/11/09 16:59 EST		0	Source: NWS Storm Survey
The National Weather Service confirmed straight-line wind damage in Wheelersburg. An estimated 600 trees were downed or uprooted along the path of approximately five miles. A horse barn roof was torn off with another barn's roof partially damaged at the intersection of Hammerstein and Lang Slocum Road. Baseball dugouts were damaged along with a total of about six barns partially destroyed.				
SCIOTO COUNTY --- WHEELERSBURG [38.73, -82.83], 1.2 NNW ALLENTOWN [38.72, -82.86], 0.9 SSE HASTING HILL [38.74, -82.86], 1.0 N WHEELERSBURG [38.74, -82.83]				
	07/11/09 17:00 EST		2K	Flash Flood (due to Heavy Rain)
	07/11/09 19:00 EST		0	Source: Emergency Manager
Flash flooding was reported near the Porter Township fire department.				
A large area of thunderstorms moved through during the afternoon hours sparking straight line damaging winds, large hail, flash flooding, and tornadoes.				
FRANKLIN COUNTY --- (CMH)PORT COLUMBUS A [40.00, -82.88]				
	07/17/09 14:08 EST		0	Thunderstorm Wind (MG 51 kt)
	07/17/09 14:08 EST		0	Source: ASOS
FRANKLIN COUNTY --- 4.0 E BEXLEY [39.97, -82.84], 5.0 ENE BEXLEY [40.00, -82.83]				
	07/17/09 14:15 EST		0	Hail (0.88 in)
	07/17/09 14:18 EST		0	Source: Trained Spotter
Hail from 0.75 to 0.88 inches fell near Bexley.				
LICKING COUNTY --- 5.0 SW HEATH [39.97, -82.52]				
	07/17/09 14:38 EST		0	Hail (1.00 in)
	07/17/09 14:39 EST		0	Source: Trained Spotter
Penny to quarter size hail were reported.				
LICKING COUNTY --- 4.0 S HEATH [39.96, -82.45]				
	07/17/09 14:45 EST		8K	Thunderstorm Wind (EG 60 kt)
	07/17/09 14:47 EST		0	Source: Emergency Manager
Numerous trees and power lines were reported down. Structural damage occurred to barns and sheds. One shed was destroyed.				
Thunderstorms developed during the afternoon hours of the 17th. Damaging winds and hail were associated with the severe thunderstorms.				
HAMILTON COUNTY --- (LUK)LUNKEN FLD CINC [39.10, -84.42], 0.3 NE RED BANK [39.13, -84.40], 1.1 NNE RENDCOMB JCT [39.15, -84.41], 0.5 WNW DAYTON [39.12, -84.44]				
	07/30/09 23:20 EST		5K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Broadcast Media
High water and a small rock slide occurred on the Columbia Parkway.				

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CLERMONT COUNTY --- 5.0 SSE MILFORD [39.10, -84.24], BATAVIA [39.07, -84.17], 1.1 NE BATAVIA [39.08, -84.16], 1.7 SSE PERINTOWN [39.11, -84.22]	07/30/09 23:25 EST		15K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Law Enforcement

Water was reported over roads and some basements were flooded.

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CLERMONT COUNTY --- BETHEL [38.97, -84.08], 0.6 SE BETHEL [38.97, -84.07], 1.0 S BETHEL [38.96, -84.08], 0.7 SW BETHEL [38.96, -84.09]	07/30/09 23:30 EST		15K	Flash Flood (due to Heavy Rain)
	07/31/09 03:30 EST		0	Source: Law Enforcement

Basements were flooded due to heavy rainfall.

A large area of showers and thunderstorms brought flash flooding and flooding to portions of Ohio.